

CDB01.1C-PB-ENS-ENS-NNN-NNN-S2-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	cdb011c-pb-ens-ens-nnn-nnn-s2-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Power Supply	24 VDC
Power Consumption	9 W
Inrush Current	6 Amps A
Max Pulse Width	60 ms
Mounting Orientation	Vertical

Description

The Indramat CDB01.1C-PB-ENS-ENS-NNN-NNN-S2-S-NN-FW is a versatile control unit designed for precise motor control in industrial automation applications. Engineered by Indramat, a leader in motion control technology, this unit serves as a double-axis drive controller, ensuring accurate motor motion in automated production systems. It operates on a 24 VDC power supply, consuming 9 W, with an inrush current of 6 Amps and a maximum pulse width of 60 ms, facilitating reliable startup performance. The unit features a Profibus master communication interface and supports encoder interfaces such as IndraDyn, Hiperface, 1 Vpp, and TTL, providing flexibility in integration. Its modular design accommodates up to two option modules and two safety modules, allowing customization to meet specific application requirements. The control section is configured for vertical mounting, optimizing thermal dissipation and space utilization within control cabinets. Designed for seamless compatibility with standard control panels, this unit supports expandable encoder interfaces in slots 1 and 2, with slot 3 vacant and slot 4 occupied by a Safe Motion safety module. The CDB01.1C-PB-ENS-ENS-NNN-NNN-S2-S-NN-FW is ideal for applications requiring precise motor control, such as machine tools, handling and mounting systems, and other industrial automation processes.